# LV-8320 *SPECIFICATIONS*

| | | |
|---|---|---|
| LCD PANEL | Number of Pixels | 1280 x 800 |
| | Size, Aspect Ratio | 0.59 type,16:10 |
| | Micro Lenses | Yes |
| | Driven System | TFT active matrix |
| PROJECTION LENS | Lens Configuration | F1.65 – 2.33,15.47 – 24.53mm |
| | F Number, Focal Length | 1.6x |
| | Zoom Magnification | Non-powered |
| | Lens Shift Ratio (Fixed) | 49:1 |
| LIGHT SOURCE | Lamp type | 245-UHP |
| | Lamp Power (*1) | 245 / 170 / 136W |
| IMAGES | Optical System | Dichroic mirror and X-prism system |
| | Brightness (Normal) | 3000 lm (Lamp mode: Normal; Image mode: Presentation) |
| | Marginal Lumination Ratio | 85% |
| | Contrast Ratio (*2) | 2000:1 (Lamp mode: Auto; Image mode: Presentation) |
| | Projection Distance | 0.7 – 12.4m |
| | Projection Distance for 100" | 2.5 – 4.1m |
| | Image Size (16:10) | 30 – 300 type |
| | Digital Zoom (By Length) | 0.5x – 4x |
| | Keystone Correction Range | V ±30° (Auto function works for ±20°) |
| IMAGE SIGNALS | Analog RGB | WUXGA / UXGA / WSXGA+ / SXGA+ / SXGA / WXGA+ / WXGA / XGA / SVGA / VGA / MAC |
| | Component Video | 1080i / 720p / 576p / 480p / 576i / 480i |
| | Composite Video / S-Video | NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N |
| | HDMI Input | 1080p / 1080i / 720p / 576p / 480p<br>WUXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / WXGA / SXGA / XGA / SVGA / VGA |
| TERMINALS | Mini D-Sub 15pin | Analog RGB / Component video / SCART input |
| | Mini D-Sub 15pin | Analog RGB input / Analog RGB output |
| | HDMI | HDMI input (Digital RGB, Digital video) |
| | RCA | Composite video input |
| | Mini DIN4 | S-video input |
| | Mini Jack | Stereo audio input |
| | Mini Jack | Mic / Stereo audio input |
| | 2RCA | Stereo audio input |
| | Mini Jack | Stereo audio output |
| | Dsub9 | RS-232C connection |
| | RJ45 | 1000BASE-T / 100BASE-T / 10BASE-T |
| MECHANICS | Adjustable Feet | Front: Two (Maximum elevation 12°) |
| | Built-in Speaker | 10 W, monaural |
| | Dimensions (W x D x H) | 350 x 254.4 x 87.5mm |
| | Weight | 3.4kg |
| | Noise Level (*1) | 34 / 29 / 29 dB |
| OTHERS | Power Supply | AC100 – 240V, 50 / 60Hz |
| | 200 - 240V Power Consumption (*1) | 307 / 216 / 178W |
| | Standby Power Consumption (200 - 240V) (*3) | 10.3 / 0.9W |
| | Operation Environment | 5 ~ 35°C |
| | Storage Environment | -10 ~ 60°C |

*1: Lamp mode is Normal / Eco1 / Eco2 *2: Effect by the lamp dimmer function *3: Standby mode is Network / Eco

## IMAGE SIZE AND PROJECTION DISTANCE

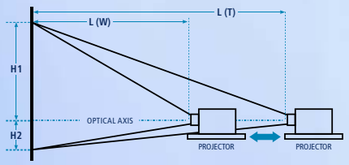



Image size of the LV-8320 is changeable in 1.6x zoom ratio by operating the zoom ring of the lens. After fixing image size, the focus of the image is adjusted by operating the focus ring.

Image of height H is projected in the range from the shortest distance L (W) to the longest distance L (T).

(W) means the wide end and (T) means the tele end. The H1 to H2 ratio is same as lens shift ratio 49:1.

The appropriate screen size for the LV-8320 is 30 to 300 inches.

| | Image Size (16:10) | | | | Distance | |
|---|---|---|---|---|---|---|
| Diagonal | W (m) | H (m) | H1 (m) | H2 (m) | L (W) | L (T) |
| 40 | 0.9 | 0.5 | 0.5 | 0.0 | 1.0 | 1.6 |
| 100 | 2.2 | 1.3 | 1.3 | 0.0 | 2.5 | 4.1 |
| 200 | 4.3 | 2.7 | 2.6 | 0.1 | 5.1 | 8.2 |
| 300 | 6.5 | 4.0 | 3.9 | 0.1 | 7.7 | 12.4 |

## MAIN SUPPLIED ACCESSORIES

- User's Manual (CD-ROM)
- Quick Start Guide
- Warranty Card
- AC Power Cord
- Remote Control Unit and Batteries
- Soft Carrying Case
- VGA Cable
- Lens Cap with String
- PIN Code Label
- Ferrite Core
- Filter Cover for Ceiling Mount

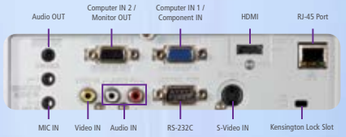
## OPTIONAL PARTS

- COMPONENT-VGA Cable (LV-CA32)
- S-VIDEO-VGA Cable (LV-CA33)
- High Ceiling Mounting (LV-CL19)
- Low Ceiling Mounting (LV-CL18)
- Ceiling Mounting (LV-CL16)
- Remote Control Unit (LV-RC04)

## REPLACEMENT PARTS

- Replacement Lamp (LV-LP34)

## TERMINAL




Because its products are subject to continuous improvement, CANON reserves the right to modify product design and specifications without notice and incurring any obligations.
Please refer to the actual product brochure or **www.canon-asia.com** for updated specifications.

PJLink™

This projector is compliant with PJLink Standard Class 1 of JBMIA (Japan Business Machine and Information System Industries Association). These projectors support all commands defined by PJLink Class 1.

**BANGLADESH**
J.A.N. Associates
Tel : 880-2-8611444
Fax : 880-2-8610410

**BRUNEI**
Interhouse Company
Tel : 673-2-653001
Fax : 673-2-653003

**CAMBODIA**
Cemtes (Cambodia) Pte. Ltd.
Tel : 855-23-214229
Fax : 855-23-217357

**INDIA**
Canon India Pvt. Ltd.
Tel : 91-124-4160000
Fax : 91-124-4160011
www.canon.co.in

**INDONESIA**
PT Datascrip
Tel : 62-21-6544515
Fax : 62-21-6544811
www.canon.co.id

**MALAYSIA**
Canon Marketing (Malaysia) Sdn. Bhd.
Tel : 60-3-78446000
Fax : 60-3-78450505
www.canon.com.my

**MALDIVES**
SIMDI Company Pvt. Ltd.
Tel : 960-324819
Fax : 960-318433

**MYANMAR**
Myanmar Golden Rock International Co., Ltd.
Tel : 95-1-202092/3/4
Fax : 95-1-202079

**NEPAL**
International Electronics Concern (P) Ltd.
Tel : 977-1-4421991
Fax : 977-1-4421909

**PAKISTAN**
MBM International
Tel : 92-21-32277093
Fax : 92-42-37530948

**SINGAPORE**
Canon Singapore Pte. Ltd.
Domestic Operations
Tel : 65-6799-8888
Fax : 65-6799-8882
www.canon.com.sg

**SRI LANKA**
Metropolitan Computers (Pvt) Ltd.
Tel : 94-11-2437797
Fax : 94-11-2685322

**THAILAND**
Canon Marketing (Thailand) Co., Ltd.
Tel : 66-2-3449999
Fax : 66-2-3449910
www.canon.co.th

**VIETNAM**
Canon Singapore Pte. Ltd.
Ho Chi Minh City Representative Office & Showroom
Tel : 848-38200466
Fax : 848-38200477

Hanoi Representative Office
Tel : 84-4-7711677
Fax : 84-4-7711678
www.canon.com.vn

Canon

**SOUTH & SOUTHEAST ASIA REGIONAL HEADQUARTERS**

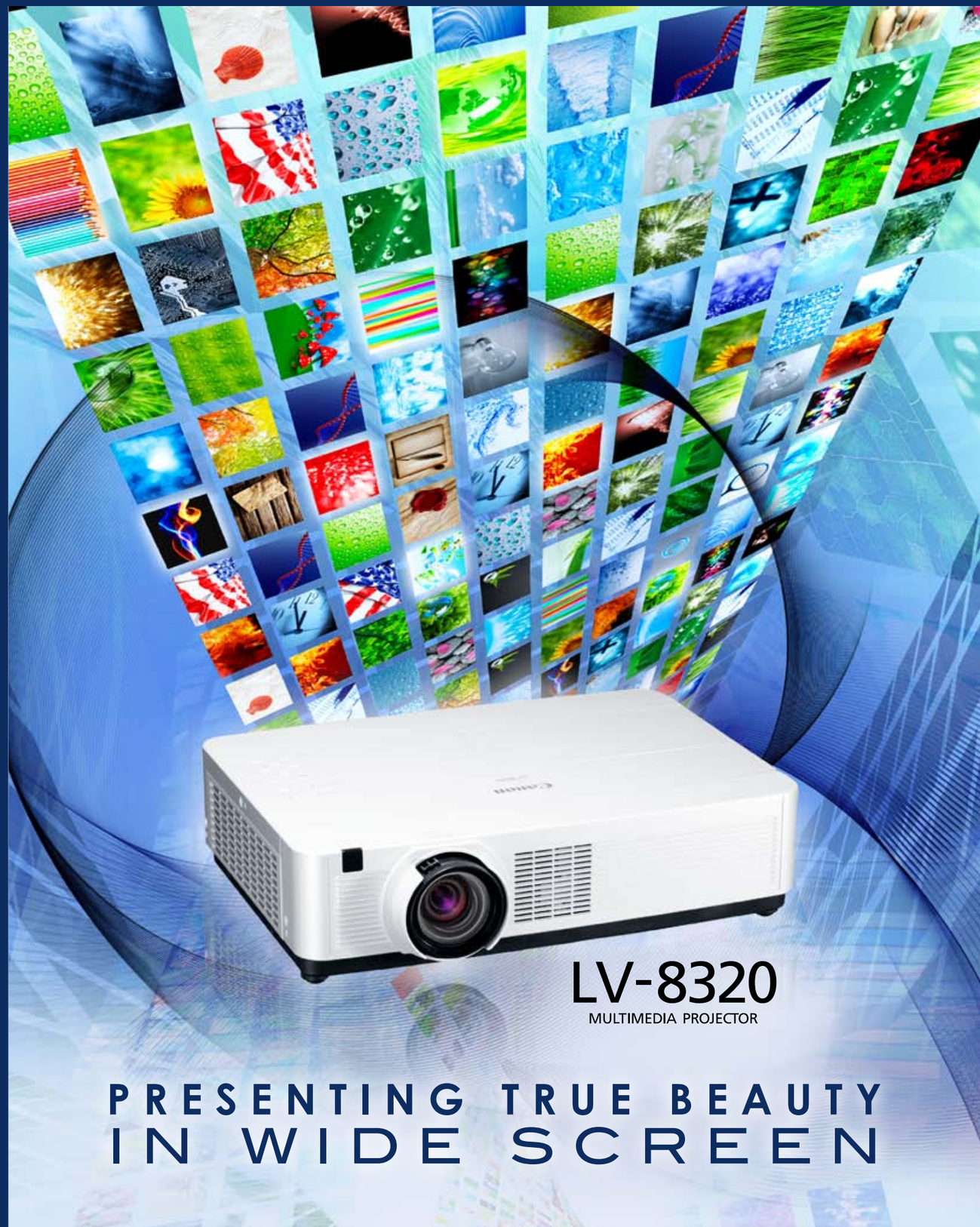
**CANON SINGAPORE PTE. LTD.**
1 HarbourFront Avenue,
#04-01 Keppel Bay Tower, Singapore 098632
Tel: 65-6799-8888
Fax: 65-6799-8882

www.canon-asia.com

Dealer's Stamp

0156W369

Canon
Delighting You Always



# LV-8320
MULTIMEDIA PROJECTOR

# PRESENTING TRUE BEAUTY IN WIDE SCREEN

## A MULTIMEDIA POWERHOUSE WORTHY OF ANY SETTING

Bolstering the cause of Canon's LV range of high-grade yet competitively valued projectors is the Canon LV-8320. It is fully equipped with the latest technological wizardry to deliver exceptional visual quality in a compact package while dispatching today's ecological challenges through a few energy-conserving innovations. Most of all, the LV-8320 is capable of displaying the sharpest on-screen visuals of its class, notably in bright, small- to medium-sized venues.

## VISUAL FLAIR AT ITS BEST

With a high resolution WXGA (1280 x 800) panel, the LV-8320 excels at displaying native widescreen content including theatrically-released movies in full frame. The bright 3000 lumens ensure that it can adapt to bright surroundings without compromising picture quality.

### HDMI SUPPORT AND 2-SCREEN DISPLAY

Exclusive to the LV-8320 are two features catered to the demands of video aficionados. The HDMI input allows users to present their favorite content smoothly at maximum resolution while the 2-screen display mode gives users multiple presentation opportunities by allowing two screens to be displayed simultaneously in various configurations.

**Picture in Picture:**
The larger picture is the main picture while the smaller image inset is the sub picture

**Picture by Picture:**
The picture on the left is the main picture while the picture on the right is the sub picture

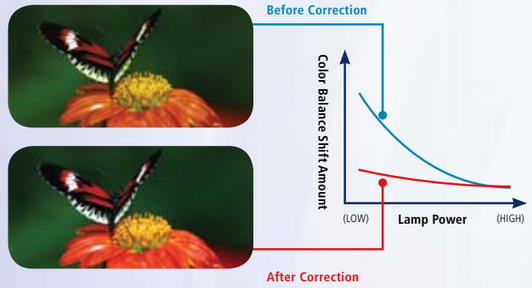
## UNPRECENDENTED VIEWING CONVENIENCE

Designed with the ultimate media consumer in mind, the LV-8320 boasts a 1.6x zoom lens to minimize the focusing distance, allowing it to project a 60-inch image at a mere distance of 1.5m, making it conducive for space-challenged surroundings. The LV-8320 also packs a potent sonic punch via its built-in 10W speaker, to adequately fill out even medium-sized conference halls.

Mega-wide 60-inch display makes for perfect presentation opportunities

## POWER-SAVING LAMP SYSTEM

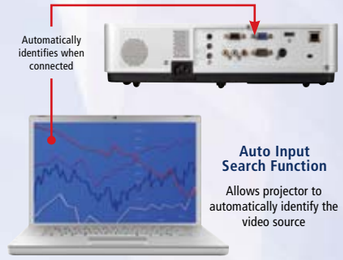
In the spirit of Canon's eco-friendly values, the LV-8320 boasts an Intelligent Lamp Dimming System which automatically adjusts the lamp output according to the brightness of the image while significantly reducing any on-screen color shifts. This revolutionary technology effectively saves power consumption by up to 69% while preserving image fidelity.



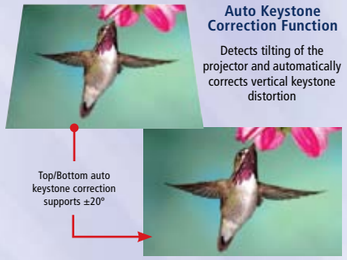

## SIMPLE AND CONVENIENT SET UP

Despite the host of advanced features, the Canon LV-8320 is a breeze to set up. This can be attributed to the one-touch Auto Set button, which automatically calibrates 3 key setup procedures to get you up and running in the quickest possible time. The Auto Input Search Function detects your input source and assigns the appropriate settings for display. If a computer is connected to the LV-8320, the Auto PC Adjustment will tweak settings for Fine sync, Total dots, Horizontal and Vertical positions to conform to the computer display. Finally, the Auto Keystone Correction Function accurately corrects images resulting from projector tilt.

Alternatively, there is also the Guidance Function which provides on-screen help for easy step-by-step manual setup.




**Auto Input Search Function**
Allows projector to automatically identify the video source




**Auto Keystone Correction Function**
Detects tilting of the projector and automatically corrects vertical keystone distortion

## LONG REPLACEMENT CYCLES

The LV-8320 utilizes a lamp capable of withstanding 5000 hours of use in normal mode and 6000 hours in Eco Mode. The economical air filter only needs to be replaced after 5500 hours of use.

## IMAGE MODES TO HEIGHTEN THE VISUAL EXPERIENCE

For your viewing benefit, the LV-8320 comes with a variety of image-enhancing modes including a manual mode for personalized settings, right out of the box.

**Standard:**
Reproduces colors and texture of source image accurately

**Presentation:**
Boost brightness and contrast levels for presentations

**High Contrast:**
Heavily emphasized contrast levels for bright environments

**Cinema:**
Faithfully reproduces the dark scenes often found in movies

**Black Board:**
Accurately reproduces hues when projecting on black boards

**Color Board:**
Accurately reproduces hues when projecting on colored walls

## OTHER USER-FRIENDLY FEATURES

- Can be fully controlled/managed via a LAN network
- Easy lamp replacement even when ceiling mounted
- Display message for filter replacement
- Password function
- Closed caption support
- Direct power-off
- Built-in speaker system